

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/06456

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B01J8/06 B01J8/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 520 890 A (LORENTZEN GEIR B ET AL) 28 May 1996 (1996-05-28) abstract column 1, line 5 - line 17 column 5, line 24 -column 6, line 7; figure 1	1-10
X	US 2 852 545 A (JENNY FRANK J) 16 September 1958 (1958-09-16) column 2, line 16 - line 21 column 8, line 18 -column 9, line 70; figures 1-3 claim 1	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

17 October 2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 855 242 C (HERCULES POWDER COMPANY WILMIN) 10 November 1952 (1952-11-10) page 4, line 47 - line 123; figure 1 page 6, line 72 - line 79; figure 6 page 7, line 107 - line 111 ---	1-10
X	FR 1 571 927 A (TOYO ENGINEERING CORPORATION) 20 June 1969 (1969-06-20) page 1, line 1 - line 10 page 4, line 39 -page 5, line 15; figure 1 ---	1-7,9
X	US 3 334 971 A (ALEXANDER CHEVION ET AL) 8 August 1967 (1967-08-08) abstract column 3, line 45 -column 4, line 13; figure 1 ---	1-7,9
X	US 5 750 823 A (BEVAN JOHN ET AL) 12 May 1998 (1998-05-12) abstract column 5, line 27 - line 53; figure 3 ---	1-7,9
X	EP 1 053 991 A (HUNTSMAN SPEC CHEM CORP) 22 November 2000 (2000-11-22) abstract paragraph '0051!; figure 3 ---	1-7,9
X	DE 100 32 304 A (BASF AG) 17 January 2002 (2002-01-17) abstract paragraph '0019! paragraph '0022! - paragraph '0027!; figures 1,1A claim 8 ---	1-7,9
P,X	FR 2 824 755 A (PHYSIQUES ET CHIMIQUES) 22 November 2002 (2002-11-22) page 20, line 20 -page 21, line 13; figure 7 -----	1-10

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Information on patent family members

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